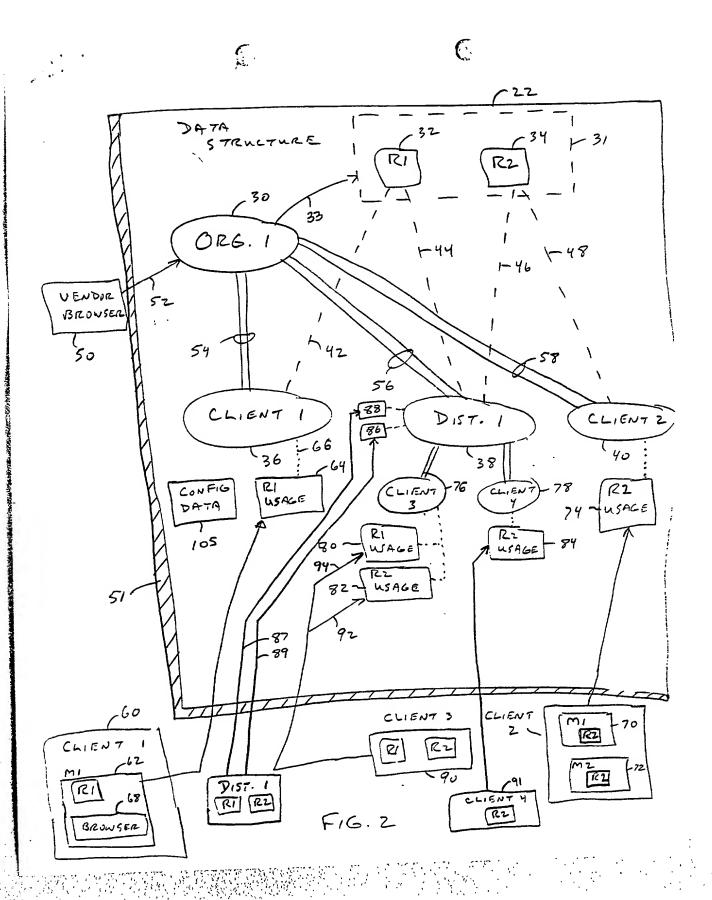
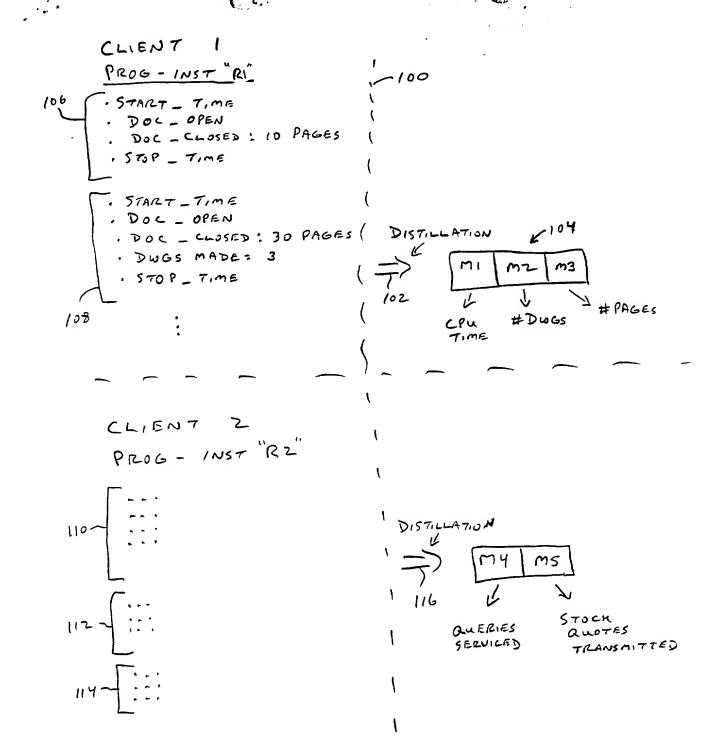
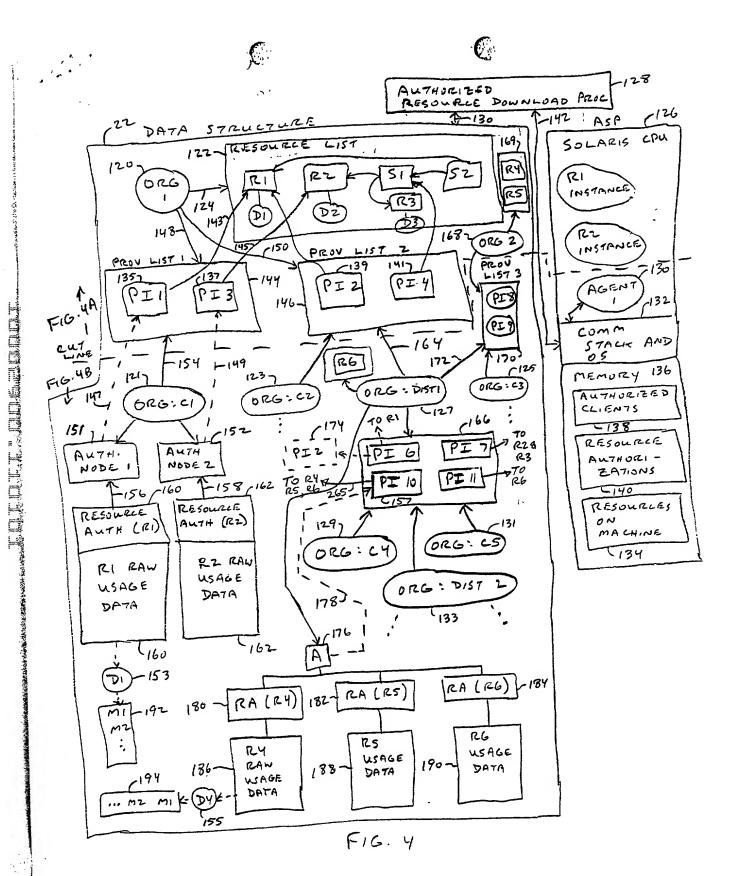


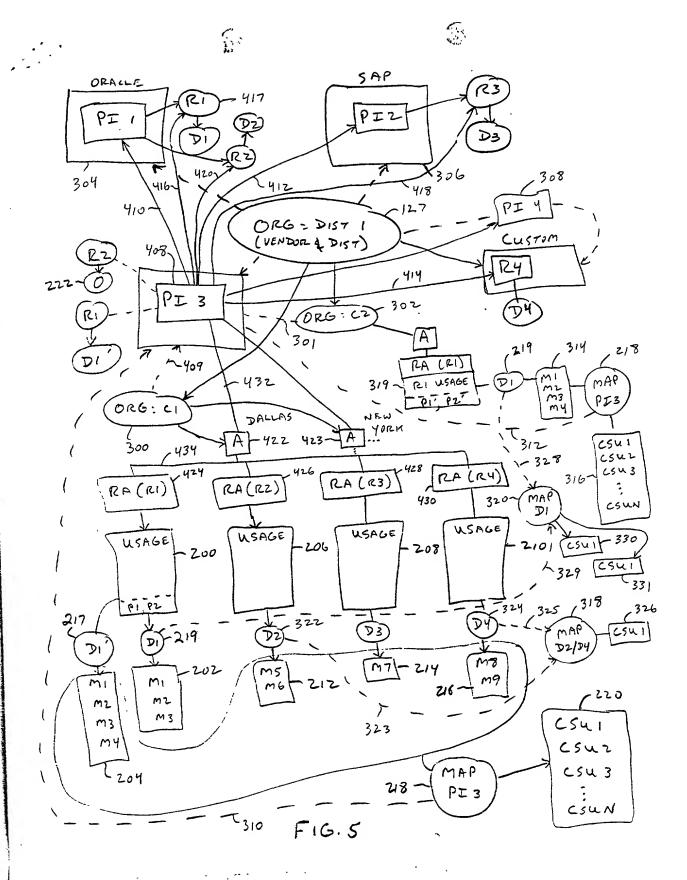
F16. 1





F16.3





OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING

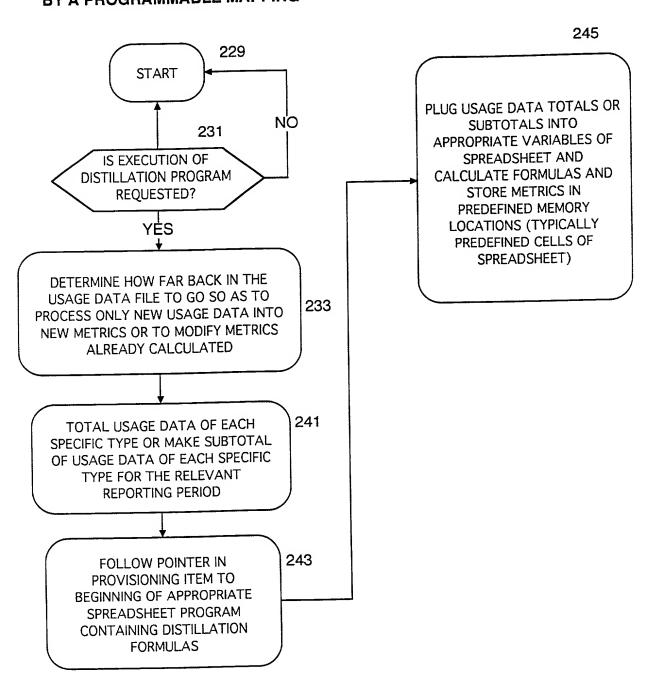


FIG. 6A

OVERALL PROCESS TO DISTILL RAW USAGE DATA TO METRIC DATA BY A PROGRAMMABLE MAPPING USING A PROGRAMMABLE DISTILLATION PGM

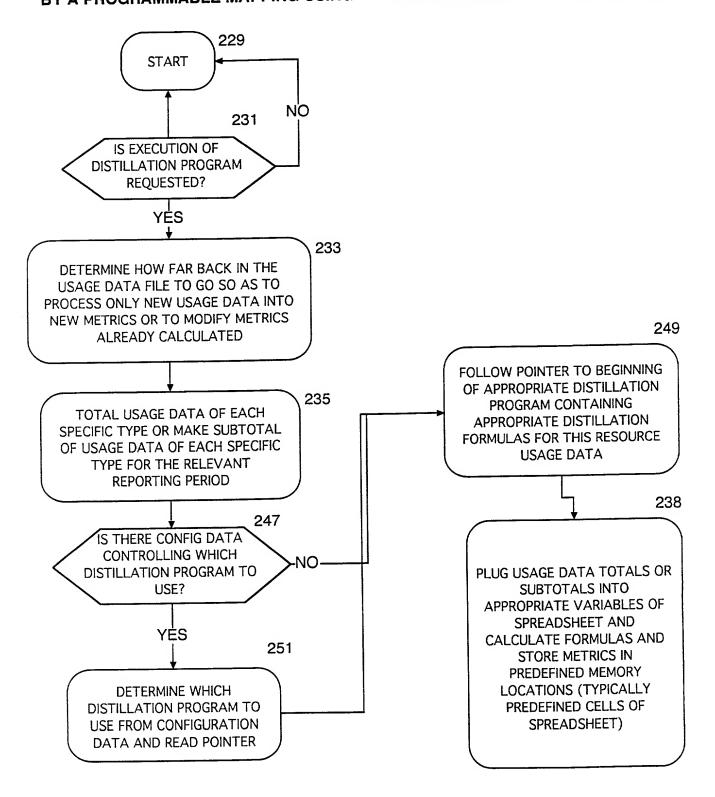
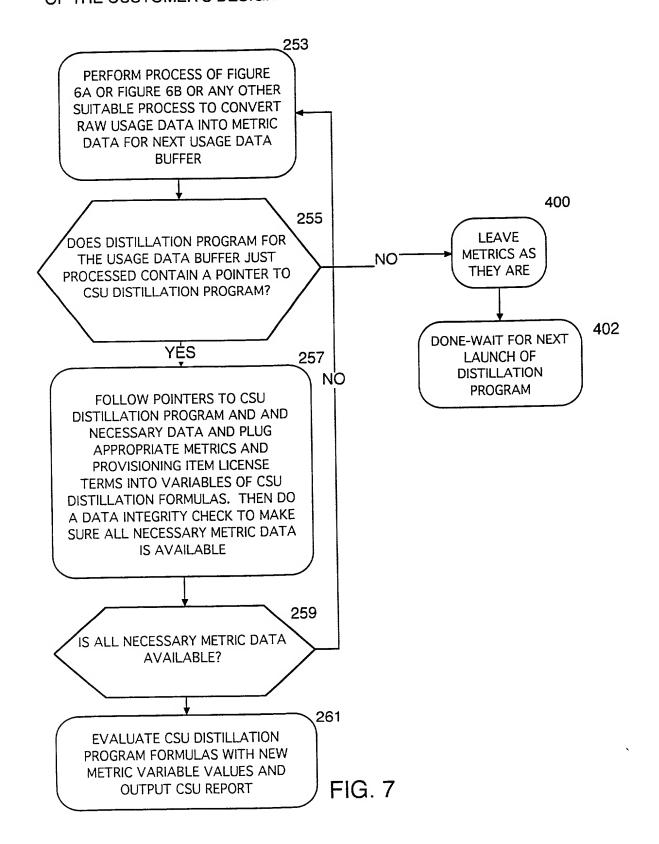


FIG. 6B

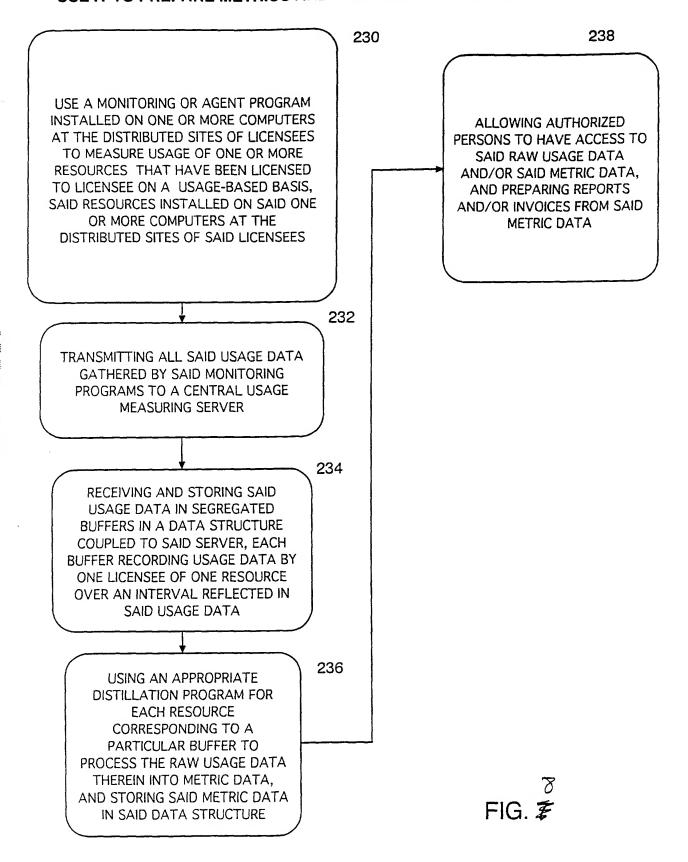
PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS OF THE CUSTOMER'S DESIGN



þ.

OVERALL PROCESS TO COLLECT RAW USAGE DATA IN A CENTRAL SERVER AND USE IT TO PREPARE METRICS AND PREPARE INVOICES OR REPORTS THEREFROM

V



PROCESS TO BUILD USAGE MEASURING SERVER DATA STRUCTURE AND ALLOW RESTRICTED ACCESS THERETO

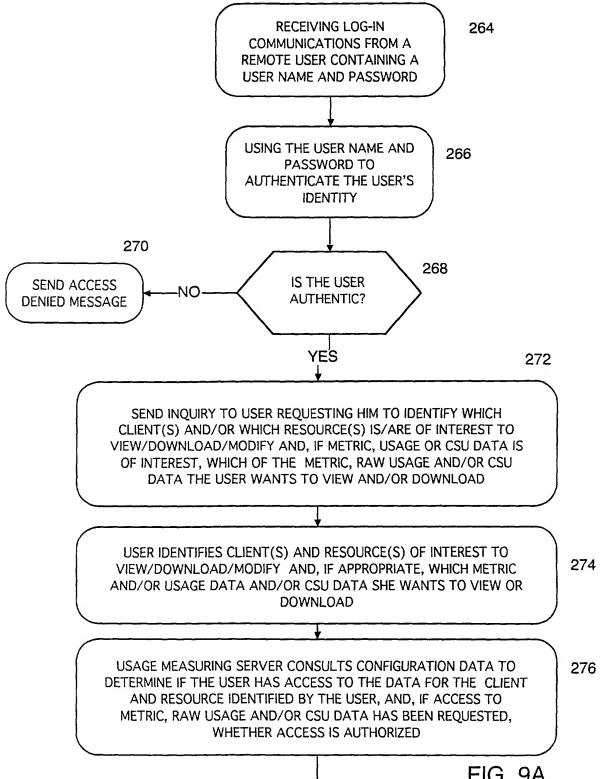


FIG. 9A

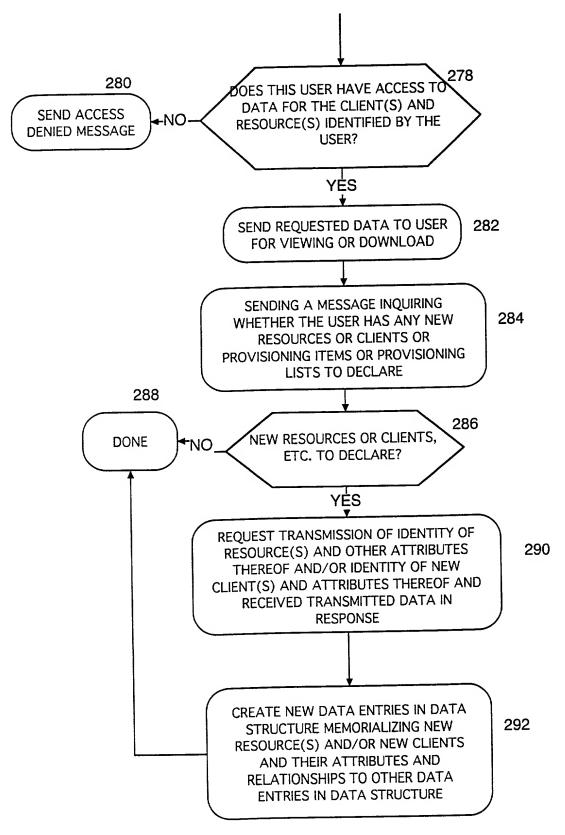
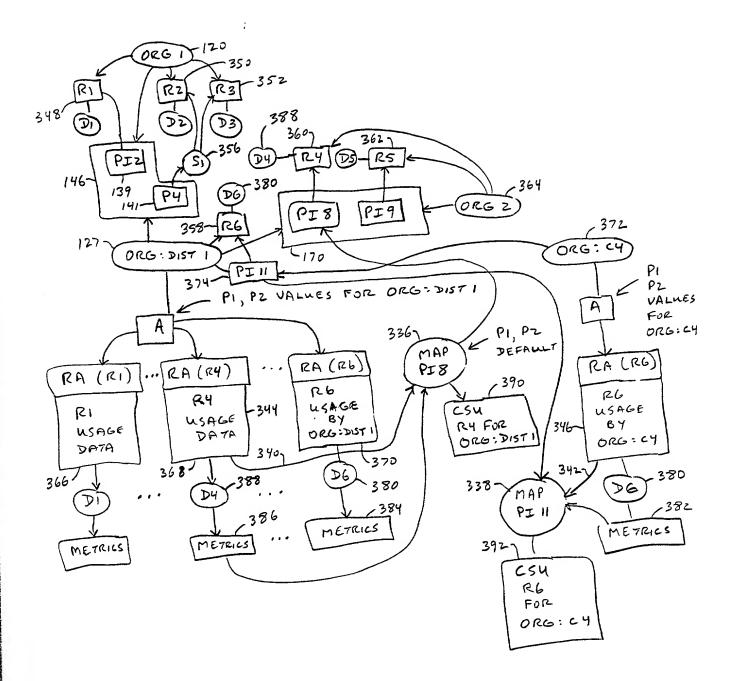
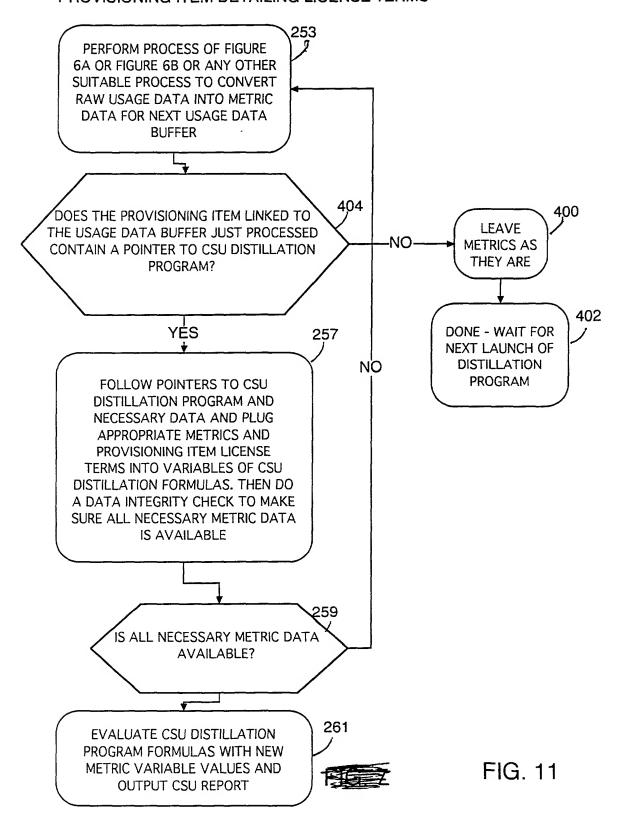


FIG. 9B



F16.10

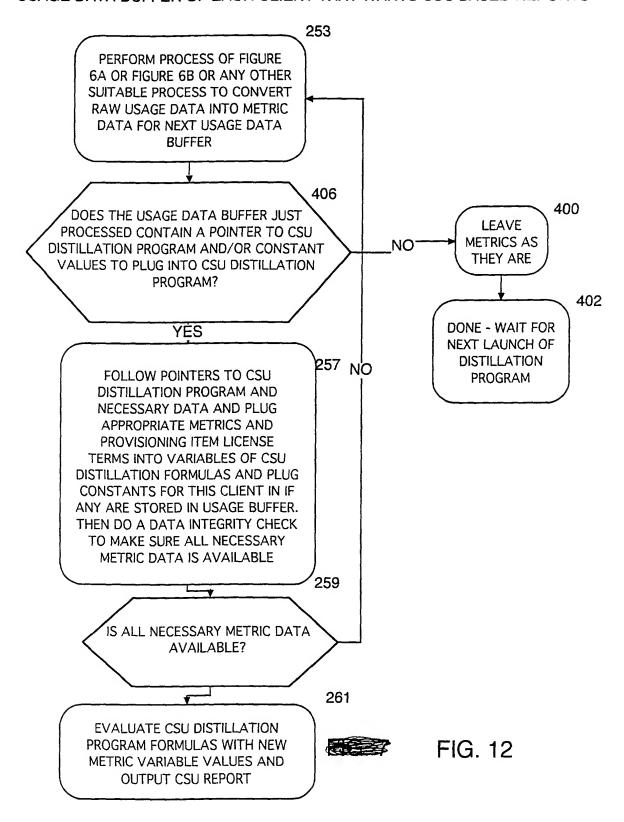
ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO PROVISIONING ITEM DETAILING LICENSE TERMS



ALTERNATIVE PROCESS TO PROGRAMMABLY DISTILL RAW USAGE DATA TO METRICS AND PROGRAMMABLY DISTILL THE METRICS INTO CENTRAL SERVICE UNITS USING A CSU DISTILLATION PROGRAM LINKED TO THE USAGE DATA BUFFER OF EACH CLIENT THAT WANTS CSU BASED REPORTS

.

,



PROCESS TO CREATE DATA STRUCTURE TO SUPPORT SUITE LICENSING AND TO USE THE DATA STRUCTURE TO IMPLEMENT SUITE LICENSING

ν,

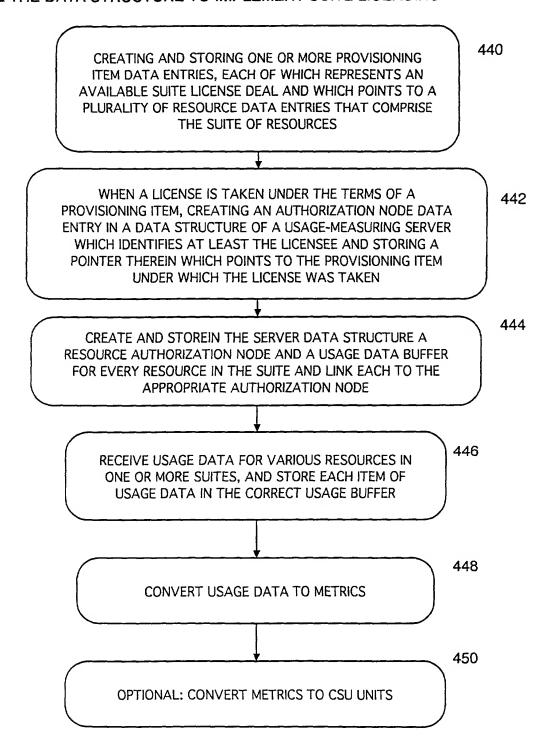


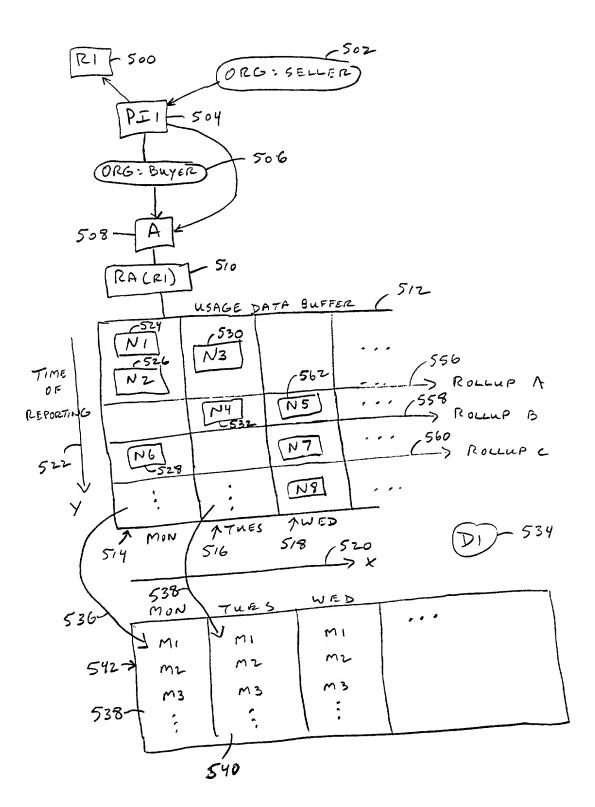
FIG. 13

ON A PARTICULAR RESOURCE 480 470 SERVER FOLLOWS POINTERS **CUSTOMER LOGS IN AND PROVIDES** FROM SELECTED RESOURCE AUTHENTICATION USER NAME AND **PASSWORD** DATA ENTRY TO ALL PROVISIONING ITEMS THAT POINT TO SAID RESOURCE DATA ENTRY AND WHICH 472 RECORD AN AVAILABLE **USAGE MEASURING SERVER** LICENSE FROM A VENDOR OR **AUTHENTICATES USER AND** DISTRIBUTOR OF THAT TRANSMITS DATA TO USER RESOURCE PROVIDING A WEB INTERFACE WHICH ALLOWS USER TO SELECT A LINK OR ISSUE A COMMAND TO 482 SHOP ALL AVAILABLE DEALS SERVER ACCESSES LICENSING TERM DATA IN EACH PROVISIONING ITEM AND SENDS MESSAGE(S) TO **USAGE MEASURING SERVER** 474 CLIENT LISTING EACH TRANSMITS DATA TO DISPLAY A AVAILABLE LICENSE AND ITS LIST OF ALL RESOURCES AVAILABLE **TERMS** FOR LICENSING 484 476 USER PICKS A RESOURCE TO **CLIENT SELECTS A LICENSE** SHOP AND CLICKS ON IT OR AND SENDS A MESSAGE BACK OTHERWISE SENDS A MESSAGE TO INDICATE SELECTION 486 **OPTIONAL: SERVER RECEIVES** 478 SERVER RECEIVES MESSAGE MESSAGE AND SELECTING RESOURCE AND **AUTOMATICALLY ESTALISHES** ACCESSES DATA ENTRY FOR AN AUTHORIZATION NODE FOR SELECTED RESOURCE THAT CLIENT LINKED TO THE PROVISIONING ITEM FOR THE SELECTED LICENSE DEAL AND **AUTOMATICALLY CREATES A** RESOURCES AUTHORIZATION NODE AND USAGE DATA BUFFER FOR EACH RESOURCE LICENSED UNDER THE **PROVISIONING ITEM486**

ONE STOP SHOPPING PROCESS TO DETERMINE ALL AVAILABLE LICENSE DEALS

FIG. 14

(



j

FIG. 15

PROCESS TO COLLECT USAGE DATA, PARTITION IT INTO TIME SEGMENTS AND GENERATE METRICS THEREFROM

٤ .

ŧ

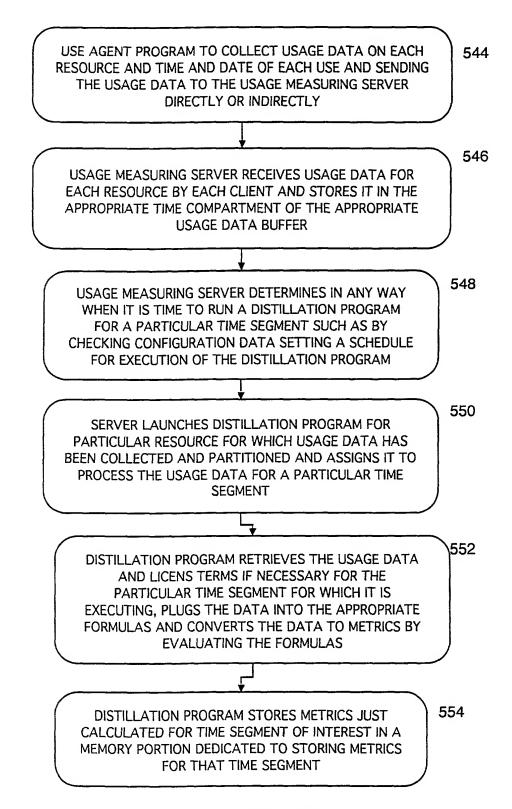


FIG. 16

		ROLLU	PAI	P 39
	MON	TUES	WED	
Cpu	10	I	٥	, . <i>.</i>
MZ= Docs	500	50	0	
M3=	759	١٢	0	
# (0		,	*.	

F16-17

	LOLLUP TUES	B ID 40 WED
0	3	2
	70	40
	139	96

FIG. 18

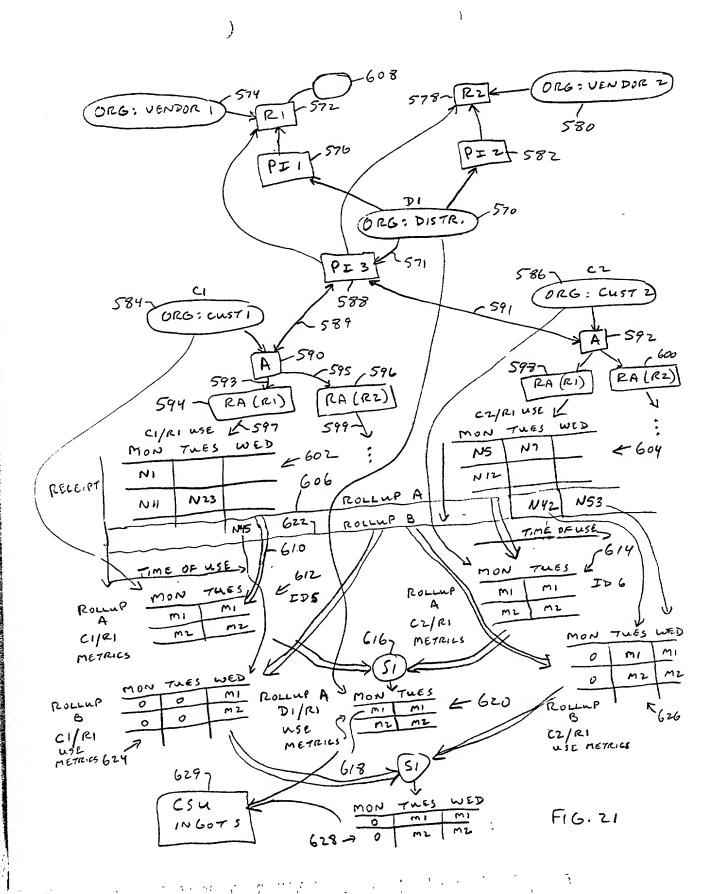
PREFERRED ROLLUP B ID 50

MON	TUES	WED	
10	4	ک	
500	120	40	
759	210	96	

F16.19

ALTE ROL MON	ID 40 WED	
В	4	2
0	120	40
0	210	96

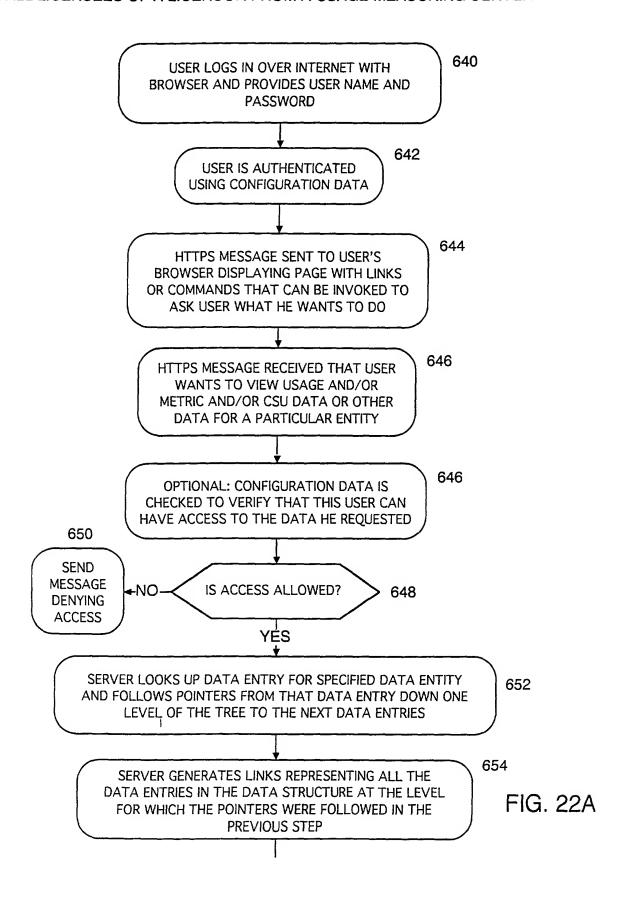
F16.20

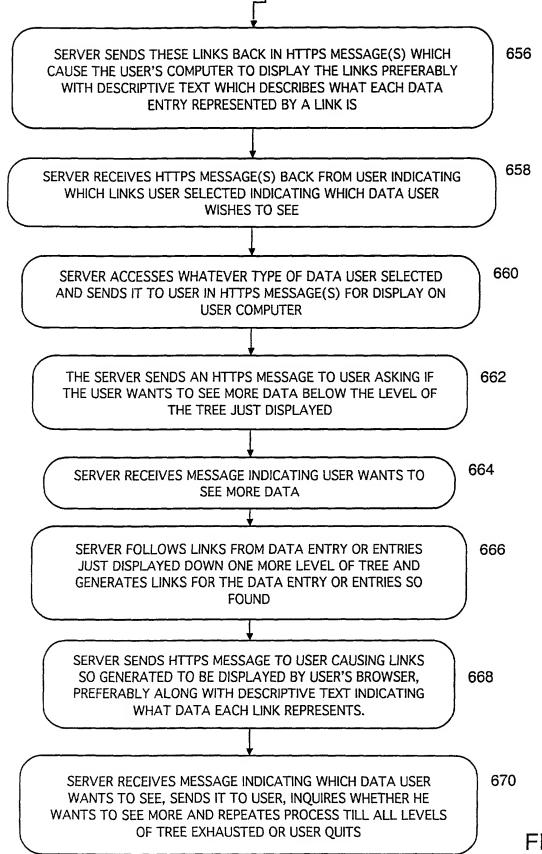


PROCESS FOR ONE PROTOCOL ACCESS TO USAGE/METRIC/CSU DATA FOR ALL LICENSEES OF A LICENSOR FROM A USAGE MEASURING SERVER

۲.

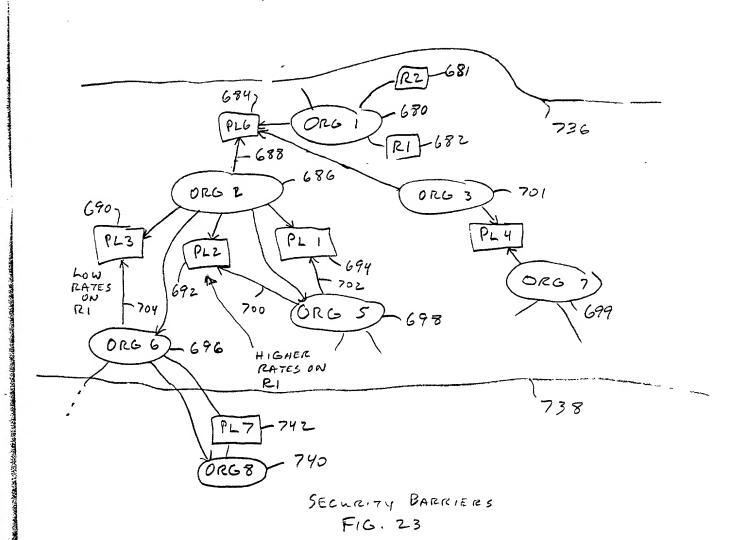
(





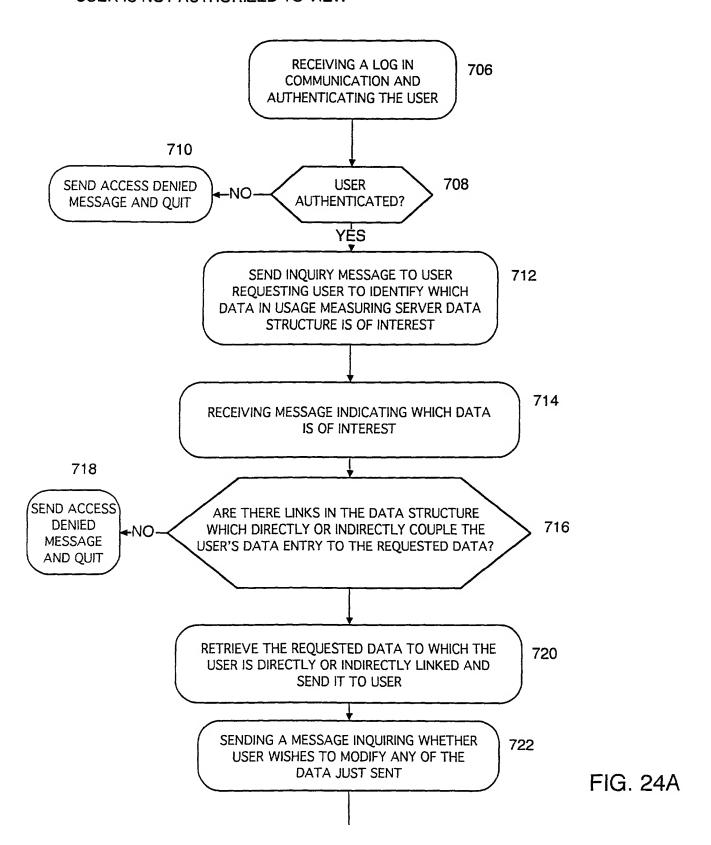
Ļ

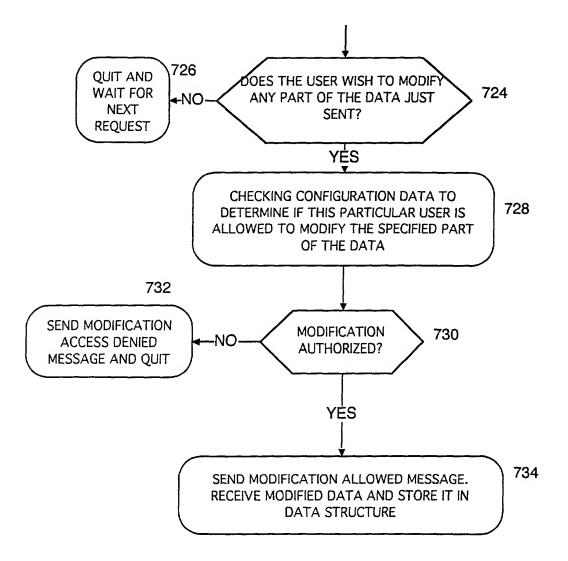
FIG. 22B



A PROCESS TO IMPLEMENT SECURITY BARRIERS TO PREVENT USERS FROM VIEWING DATA IN A USAGE MEASURING SERVER DATA STRUCTURE THAT THE USER IS NOT AUTHORIZED TO VIEW

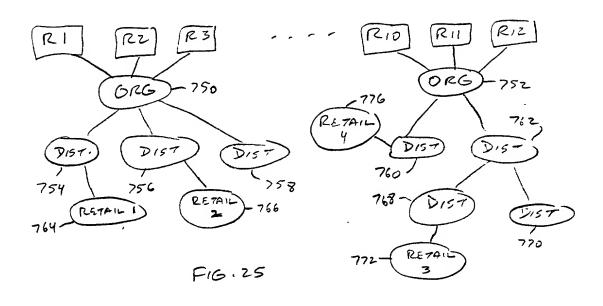
ŧ

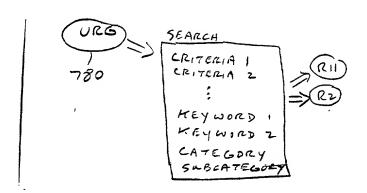




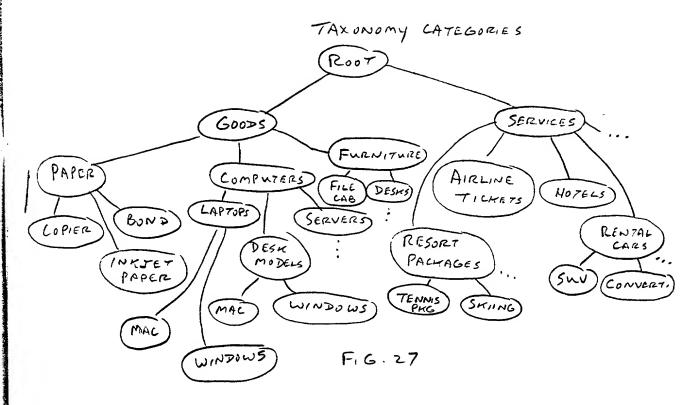
1

FIG. 24B





F16.26



SERVER PROCESSING TO IMPLEMENT ONE-STOP SHOPPING SEARCHING OF THE DATA STRUCTURE BASED UPON USER-DEFINED CRITERIA

1

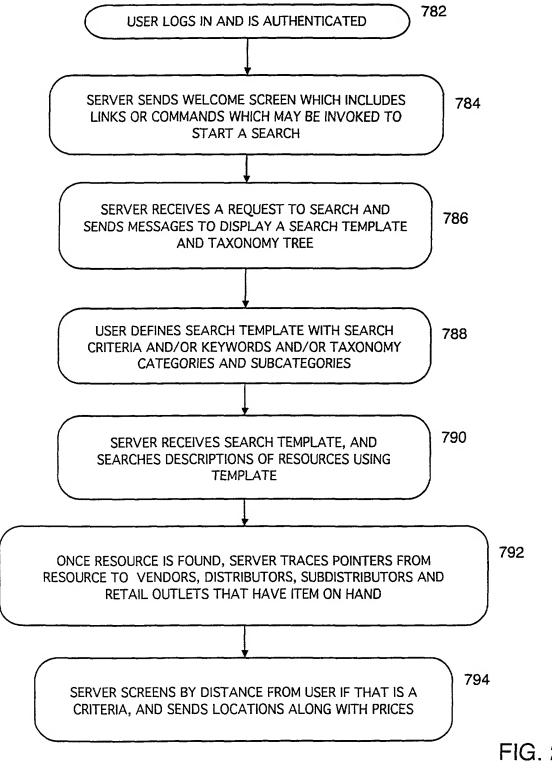


FIG. 28